

TITLE

BIODEGRADABLE POROUS DEVICES FOR TISSUE ENGINEERING

ABSTRACT OF THE DISCLOSURE

5 A biodegradable porous device for tissue engineering is
disclosed, which comprises (A) a porous polymeric scaffold
comprising a co-continuous phase of a first biodegradable
polymer and a second biodegradable polymer which are
incompatible with each other, wherein the first
10 biodegradable polymer contains a continuous network of large,
interconnected pores, and the second biodegradable polymer
contains small, partially interconnected pores; (B) a
biodegradable polymer fiber dispersed in, and compatible
with the matrix of the first biodegradable polymer; and
15 optionally (C) an active ingredient provided in the
polymeric scaffold.